

## Brief Description of the Drawings

[0015] The disclosure will be better understood with the aid of the following description given below solely by way of explanation of a selected, representative example with reference made to the attached figures in which:

Fig. 1A is a functional diagram of a controller;

Fig. 1B represents the structure of the controller associated with the functional diagram;

Fig. 1C represents the functional diagram of the different stages of the processes for the acquisition of data coming from the sensor, of the creation of cursors associated with the different fingers, of the interaction with the graphical objects and of the generation of control messages;

Fig. 2A is a description of the tactile matrix sensor;

Fig. 2B describes the first stage of the scanning functioning of the sensor in order to obtain the multi-contact information;

Figs. 2C, 2E and 2F explain the resolution of problems of orthogonality;

Fig. 2D is a functional diagram of the capture interface;

Figs. 3A to ~~3F~~<sup>3D</sup> are diagrams explaining the stages for the creation of cursors, filtering, calculation of barycenter, mapping and of the control of graphical objects;

Figs. 4 and 5 represent different examples of graphical objects;

Figs. 6 to 10 represent different examples of combinations of graphical objects on the controller; and

Fig. 11 illustrates the network use of the controller associated with the computer of the user.